

English Sparrow Record

Blue Bond



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No. 206

PROPERTY OF

Museum of Vertebrate Zoology

PRICE 10 CENTS

L

to
58
59
2 young



Trap No. 1

July	7 a.m.	5 p.m.
17	Set near Teag pole	- no
18	No Young in trap	no
19	no	1
20	3	no
21	no	no
22		

Trap No. 1

Changed Barrow st,
July 22

22	5	4	2	0
23		4	3	0
24	0	0	4	2
25	0	0		
26	0			
27	0			
28	0			
29	0			
30	0			
31	0			

Trap no. 2

July	7 a.m.	5 p.m.
17	In lot back of Greek	No
18	No	No
19	Young in trap	No
20	No	No
21	No	No
22	No	No
23		

Trap no. 2

Changed to Barrow St.

July	1	1
23	1	1
24	0	0
25	0	0
26	0	-
27	0	3

Trap. No. 3

July	7 a.m.	5 p.m.
17	In lot by manure back of Greek	No
18	1	No
19	No	No
20	No	No
21	No	No
22	No	No
23	No	No
24	0	0
25	0	1 sp. Brownie
26	0	
29	1 Sparrow, 1 quail	Brownie
30	Charged to Caly. Field	
31		2

Trap No. 4

July	7 a.m.	5 p.m.
17	By Calf Corral	no
18	no	no
19	no	no
20	no	no
21	no	no
22	no	22
23	no	0
24	^{Brown & White} 2 Robbins	0
25	0	0
26	2 Brownies	
29	0	

Trap. No. 5

July	7 a.m.	5 p.m.
17	Outside Cow corral	no
18	no	no
19	no	no
20	no	no
21	no	no
22	no	no
23	no	
24		

Changed to Barrow St
July 23

23		0
24	0	0
25-	0	0
26	0	0
27	3	-

back Greek Trap no. 6

July	X a m	6 p m
17	no	no
18	no	2
19	no Dongintrop	no
20	no	no
21	no	no
22	no	no
23	no	1
24	o	o
25	o	1 brownie
26	o	

Empty nests

South Hall III

July 19 Bacon Hall
Palm tree

Empty nest III 1
Greek Theatre

July 21

Empty 2

Empty 4

Chemekay

Empty III III 1

July 18 Destruction of Nests
South Hall

1. 3 young, 1 egg. (escapes). Placed in traps.
 2. 2 young
 3. 2 young, 1 egg
 4. Nest with 1 old & 1 young
 5. 3 young 3 eggs
 6. nest 5 eggs
 7. nest 2 young 4 eggs
 8. nest 1 egg
-

July 19 South Hall

1. Nest 5 eggs

Bacon ^{Palm tree} Hall July 19

1. Nest 2 young
2. Nest 1 egg
3. nest 3 young & 1 egg
4. nest 3 eggs

North Hall 19 July

- | | |
|---|------------------------|
| 1 | nest 5 young - escaped |
| 2 | nest 3 eggs |
| 3 | nest 2 young |
| 4 | nest 1 young |
| 5 | nest 2 young |

July 21

Pres. House

- | | |
|---|-------------|
| 1 | nest 5 Eggs |
|---|-------------|

Bacon Hall

- | | |
|---|-------------|
| 1 | nest 2 Eggs |
|---|-------------|

Greek Theatre

- | | |
|---|--------------|
| 1 | nest 4 Eggs |
| 2 | nest 1 young |

Chemistry Bldg
July 22

- | | | | |
|---|------|---|------------------|
| 1 | nest | 3 | Eggs |
| 2 | nest | 2 | Eggs |
| 3 | nest | 4 | Young, escaped) |
- 23 July Jam Hill
- | | | | |
|---|------|---|-------|
| 1 | nest | 1 | Young |
|---|------|---|-------|

July 26

Antonio Ralston shot all day, 8 hrs.,
and killed 52 sparrows with
22 cal.

If these 10 were adult males

8 " " females

and 34 were young of the year

J.S.

Aug. 9

Tony shot 2 hrs., 6-6.8 a.m.
with 16 ga. shotgun. He used 5
heavy 10's and 16 light shot.

He got 33 birds — 1 linnet (♂ ad.) and
32 sparrows; of the latter, 5 were
adult males, 4 adult ♀'s, and
23 young of the year. One of the latter
was but partly grown.

Many of the young are well
along with the post-juvenile molt. The
adults are exceedingly broken.

Aug. 11

Tony shot for 2 hrs., 6 to 8 a.m.
with 16 ga. He used 7 heavily loaded
(special dust). He killed 11 birds
with one shot.

Total results: 27 - 2 limits,
adult ♀♀, and 25 sparrows; of
the latter there were 8 adult males,
4 adult females and 13 young of the
year.

Aug 12

Tony killed nine E. Sparrows
in three shots this A.M., Of
these there were 1 adult ♀, 4
juv. ♀'s, 1 adult ♂, 2 juv. ♂'s, and 1 ?.
The latter was shot to pieces
and left in the field.

Tony killed Aug. 13
shots. 3 sparrows with 4
2 in. ♂♂; 1 in ♀.

6th 8 a.m. "Very shy!"

Tony costs 30¢ per hour.
The six (6) sparrow traps,
purchased from Dickson & Holbrook,
cost \$25.50.

J.G.

Aug. 15 to Sept. 5 - Sparrows seem
to have largely deserted the campus;
are now in large flocks on hills
of north Berkeley. — J.G.

Sept. 6: — Tony asserts that he has
shot 63 sparrows with .22 cal., for
his own personal use (eating) around
President's house (in Clark Hall yard), since
Aug. 15 — J.G.

Sept. 8 - 1913

6 to 8 a.m., Tony shot eleven sparrows
(5♂♂ + 6♀♀) moulting,
with 4 heavy 10's, & 6 light loads
dn't — 16 ga. J.G.

Sep. 9-1913

Foggy shot for $\frac{1}{2}$ hours this morning: 11 sparrows (7 ♂, 4 ♀). with 7 light 16 ga. & 2 heavy 10's

Sept. 10

Foggy shot for $\frac{1}{2}$ hrs. this morning:
7 sparrows (4 ♂, 3 ♀).
with 11 light duck - 16 ga

Sept. 11

Foggy shot for $\frac{1}{2}$ hrs this morning
6 to 7:30. 5 sparrows (3 ♂ 2 ♀)
with 9 light duck - 16 ga.

Sept. 12

Foggy shot for $\frac{1}{2}$ hrs this morning
6 to 7:30. 14 Sparrows (6 ♂, 8 ♀)
+ 1 Nuttall Sparrow
with 9 light duck 5 heavy 10's - 16 ga.

Sept. 13

Tompson for $1\frac{1}{2}$ hrs., 6 to 7:30 a.m.

5 sparrows (3 males, 2 ♀).

With 2 heavy 10's + 3 light dms. - 16 ga.

Nov. 14, 1913,

Set four traps in shrubbery on north side of Physiology Building. Baited with wheat. A good rain lasting over a week has set the grass growing. They have cultivated some of the ground in the near vicinity, preparatory to planting grass. Consequently the sparrows flock to this locality to feed. Juncos and white-crowned sparrows are very abundant where the traps were set and it is possible that they will be the birds trapped. Wheat cost 25cts.

Date	Horn.	Trap # 6	Trap # 4	Trap # 1	Trap # 2
Nov. 14	3:50	W.C. juv.			
Nov. 15.		1 w.c. juv.			
" 16	8:10 9:30	1 w.c. (sat. by cat)			
" 17	9:15				
" 18	Very rainy all day				
" 19	9:45 2 p.m. wet, ^{wet} (had taken)	1 juv. w.c. (wet) } 3 ad. .. {			
" 20	Moved to vicinity of Museum				
" 21	-				
" 22	-				
" 23	-				
" 24	Traps taken in. No success!				

Bade phone'd that he caught
15 English Sparrows, a blue jay and
a Towhee the first day with the traps
set at the Seminary. He used
peanut butter and meal as well as
rolled oats.

H.C.B. Sept. 6, '13.

Tuesday, December 30 - 1913.

Cloudy and began to rain.

Went out 7 to 8 a.m. over the Campus after sparrows. Neither saw nor heard a single one!

Monday, January 5 - 1914.

Clear. Went all over lower Campus after sparrows, 7 to 8 a.m. Found just one bunch, of perhaps 25, on west side of South Hall in (leafless) ivy on walls, in palm tree, and in bushes adjacent. Shot three with 3 shots and got two, ♂ + ♀. Otherwise, I only heard distant chirps from across streets outside of Campus.

Tuesday Feb. 7, 1914

Bryant & I went after sparrows from 7-7:45 a.m. Bryant used the .32 aux. + got 2 sparrows + killed 3 others; I used the British air rifle + got none but only killed 2. Total 7 dead. The sparrows hide themselves closely in dense brush & in the palm trees, where the hunter gets very fleeting glimpses. There is the palms when shot rarely all fall into the axils + never come down.

Feb. 10-1914 - Tuesday.

Hunted for $\frac{1}{2}$ hour between 7 + 8 a.m.
morning. Killed 5 English sparrows
around South Hall, but got only one. also
killed accidentally a Nuttall Sparrow, immature.
The English Sparrows are exceedingly wary
and scarce.

April 6, 1914

Worthen hunted from 6 to 8 a.m.;
brought in 9 English Sparrows, 8 of which
are adult males, and one ♀ Linnet (not
yet nesting). He shot and lost in
palms or bushes three other sparrows,
and shot 15 aux. shells in all.

Searched around South, Budd & Baum Halls

April 7, 1914

Worthen hunted from 6 to 8 a.m.
Brought in 9 English Sparrows, 6 ♂'s and
3 ♀'s; one other was shot + lost in palm.
14 aux. shells were fired. All
around campus buildings.

The ♀ ♀ shows signs of nesting.

April 8, 1914

Worthen shot from 6 to 8 a.m.,
and got 10 English Sparrows, 7 ♂♂
and three ♀♀; with 11 aux shells.
All around Mechanics' North & South
+ Bacon Halls

April 9, 1914

Worthen shot from 6 - 8 A.M.
and got 11 English Sparrows,
8 ♂♂ and 5 ♀♀.

April 10, 1914

Worthen shot from 6 - 8 A.M.
and got 6 English Sparrows
and 1 ♂ finch. Of the English
Sparrow 3 were ♂♂ and 3 ♀♀.

April 9, 1914

Day rainy. Worthen and another man took ladders and went to work in the afternoon tearing down English Sparrow's nests. The following table gives the results:

Place	Number of nests	Remarks
Pipe Shop - West gable	1	Empty
Pow'r House - Cornice SW. corner	1	3 young; 1 egg.
Boat Hall - East window	1	2 young
" " "	1	Empty
" " - North center	1	4 eggs
" " " East	1	3 young, 2 eggs
" " West South.	1	Empty.
Sather Gate arch	1	Empty.
South Hall SW. header	2	"
" " West side 2oth floor and	2	"
" " West side - south	1	4 young
" " " " "	1	5 "
" " " " "	1	4 " ; 1 egg
" " " Fire escape	1	Empty
" " West side, South	1	2 young; 1 egg.
" " " " "	2	Empty.
	19	23 young; 9 eggs.

April 11, 1914

Worthen shot 9 English
Spanows this morning. Seven
were males and ~~two~~ females.
One male Nuttall Spanow
was shot by mistake.

April 13, 1914

Worthen shot 11 in 14 shots
in Acacia trees by Bolt Hall,
one in Botanical Garden and
one on bleachers. Saw one
young one which he used as
bait and got four adults.
4 were ♂♂ and 7 ♀♀.

April 14, 1914

Worthen shot 13 English Spanows
and a ♀ linnet. Seven (7) of the
E.S. were ♀♀ and one was a juvenile.

April 13.

Destruction of nests by Worthen and
a ledger resulted as follows.

Place	No. of nests	Remarks
North Hall, South and near Fire Escape	3	old; empty
" " SW. corner	2	old; empty
" " "	2	empty
" " West side South	2	"
" " " S. porch SW. cor.	3	"
" " " " N.W. "	2	"
" " " near S. porch	1	"
Bacon Hall, North Palm S. side	1	5 eggs
" over Weather Bureau door	1	1 young 2 eggs
" South palm, 8 ft. high	1	4 young
" " "	1	empty
" " " "	1	3 young
South Hall, behind bacon N.W. corner	3	old nests
" " West side North	2	empty
" " " Near N. Fire Escape	1	4 young
" " " " "	2	empty
" " " " "	1	(dead) 3 young; 1 egg
" " Porch N. side	2	empty
" " Porch N.W. corner	1	"
" " SW. "	1	4 eggs
" " S.W. pillar	1	empty
" " S.W. corner	1	1 egg.
" " South S. of Porch	2	empty

4-5 pm

South Hall South S. of Porch	1	empty
" " S.E. Corner	1	3 young.
Bacon Hall, South Palom	1	empty
" " " "	1	(dead) 2 young; 1 egg
" " " "	2	empty,
<hr/>		
Bacon Hall South door high	1	empty
" " " "	1	5 young.
<hr/>		
Total = 6 old nests; 28 empty new nests; 25 young; 14 eggs.		

April 15, 1914.

Worthen shot five English
Spaniels this morning 4 of
which were females and one of
which was a male. They are
growing more shy and consequently
more difficult to shoot.

April 16, 1914

Worthen shot 5 English Sparrows
only one of which was a female.

April 18, 1914

Worthen shot 5 ♂♂, 5 ♀♀ + 2 juv.
English Sparrows.

April 20, 1914

Worthen shot 1 ♂, 3 ♀♀, + 1 juv.
English Sparrows

April 21, 1914

Worthen shot 2 ♂ + 3 ♀ English Sparrows
and one ♀ Linnet - around South Hall.

April 16

Destruction of English Sparrow nests by
Worthen + assistant resulted as follows:
All day - 8 hrs.

Place	No. nests	Contents
Acacia, between Calif. + Boat Hall, C.E. Bldg., SW corner	1	5 dead young
" " "	1	3 eggs; inc. adv.
" " South side	3	empty
" " "	7	empty
" " "	1	(7 eggs, mostly fresh (1 recent)
" " "	2	empty
" " Over door	2	empty
" " East side	10	empty
" " North side	1	empty
<hr/>		
C.E. Bldg. North side, centre	3	empty
" " " " , west	1	3 fresh eggs
" " NW corner	7	empty
" " West side	52	empty, mostly last year's
" " South side	4	empty, last year's
" " " " "	1	" " "

Total: 57 old nests, empty.

35 other empty.

5 dead young.

13 eggs.

April 17

Destruction of English Sparrow's nests
by Worthen and helper resulted as follows:
Worked from 10 a.m. to 5 p.m., with noon out.

Place	no. nests	Contents
Calif. Hall - Cornice under tile:		
East side centre	3	empty
" " south	1	1 egg
" " "	3	empty
" " "	1	dead young.
S E corner	5	empty
South end	12	empty + 1 rotten egg
West side south	3	empty
NW corner	1	empty
Salter Arch	1	new, empty
Mechanic Bldg South side	4	old nests empty
" " " "	3	last year's
" " " "	1	1 egg
North Hall, East side	1	empty
" " " "	1	3 eggs
" " " "	3	empty
" " " "	1	last year's
" " " "	3	empty
" " N E corner	1	empty
Total: 44 empty nests		
3 dead young		
7 eggs		

Summary of English Sparrow
Campaign on Campus in April 1914.

Worthen shot 26 hrs. (2 hrs each morning
for 13 days) and brought in 112
Eng. Sparrows, of which 63 were adult
males, 45 adult ♀s, and 4 full-grown young.
Worthen is paid 35¢ per hour; therefore killing
of this number cost \$9.10 plus cost of ammunition.
Worthen with his helpers (at 30¢ per hour) worked
26 hrs., and tore down 187 nests, which
^{at time} held 56 young and 41 eggs, costing
\$15.10.
The entire April campaign cost \$24.25
the funds being supplied by
Mr. Martens.

It appears, therefore, by far
the cheaper method to shoot,
just before the breeding season.

13 Below. — 1,1...

15 Mar 1922

2 - 1 .

16 7 10.50 200
1 10.50

on Feb. 14 in Boston, Mass.
part 2. 1920
by L. M. H. -

Wheatland Park

February, 1914

New Campaign

June 3 - 1914 in barnyard + wood campus

R. E. Forbes shot this morning from 6 to 8, using 16 ga. gun & heavy dust. He got 12 English Sparrows: 1 ad ♂, 1 ad. ♀, and 10 full-grown juveniles, some beginning the post-juvenile molt. 5 of the juvs. are males and 5 females.

June 4

Forbes shot this morning around Boalt Hall, North & South Halls, from 6 to 8, as above. He got in 13 Sparrows: 2 ad. ♂♂, 5 ad. ♀♀ and six full-grown juveniles. Of the juvenals sexed with certainty 2 were ♂♂, 3 ♀♀.

June 5

Forbes shot this morning on Campus from 6 to 8, as above. He got in 18 sparrows: 5 ad. ♂♂, 4 ad. ♀♀, and 9 full grown juveniles.

Of the juvenals sexed with certainty, 3 were ♂♂, + 2 were ♀♀.

June 8

Forbes shot this morning on Campus from 6 to 8, as above. He got in: 11 sparrows: 5 ad. ♀♀, 1 ad. ♂, + 5 juvs. Also one ♀ Linnet.

June 9 - 1914

Shot this morning on Campus from 6 to 8, as above. He brot in: 16 sparrows: 6 ad. ♂♂, 6 ad. ♀♀, 3 ju. ♂♂, 1 ju. ♀.

June 10

Shot as usual two hours in early morning. Bro't in: 19 sparrows: 3 ad. ♂♂, 7 ad. ♀♀, and 9 fullgrown jvs.
2 of the jvs. are 5♂, 7♀.
These and the rest for the last few days have been mostly shot on the grain field near the vegetable garden on the western edge of the Campus.

June 12

As usual; brot in: 8 sparrows, consisting of 2 ad. ♂♂, 3 ad. ♀♀ and 3 jvs. — and one juv. Linnet.

June 13

As usual; brot in: 11 sparrows; = 1 ♂, 3 ad. ♀♀, 7 jvs.

June 15

Forbes shot as usual 2 hrs. this morning; brot in 5 sparrows; = 4 ad. ♂♂, 1 ju. ♀. He reports sparrows as now extremely wary, so we will not hunt anymore for a time.

June 23

Forbes shot two hours this morning:
but in 17 sparrows (from agricultural gardens).
These were turned over to Zool. Dept. for class
work and no record kept of sexes, etc.

June 26

Forbes shot in gardens this morning.
But in 26 sparrows: 2 ad. ♂♂, 4 ad. ♀♀, and
20 juvenals. Of the juvenals 8 are ♀♀, 9 ♂♂, 3 indeterminate.

1916

W.C. Newberry operating.

January 12.

Shot an English Sparrow, near Harmon
gym. for about $\frac{1}{2}$ hour (7:15 - 7:45 A.M.)
3 ♂♂ brought in and one lost
after being shot. Total 4 sparrows.

Note: Saw English Sparrow (♂) attack
two dwarf hemlock thrushes and drive
same out of tree. Was not found
mixing with any other species.

Jan. 13 -

Hunted on campus near Chem.
Bldg. - Faculty club - 7:15 A.M. to
7:45 A.M. shot 3 birds, brought
two in. (BBB). One bird dropped &
into thick brush & not found.

NOTE: Rainy, foggy morning. Robins,
Varied Thrushes, Intermediate & Metal
Spas & were plentiful & foraging. English
Sparrows seem & affected by rain
& were quiet & in hiding. Only
saw 4 birds in half hour.

Jan. 15

Hunted on campus near
chem., Civil Eng. Bldg. & old auth of
dog museum. Shot & dropped
6 birds, found 4. BBB.

Wounded 3. Time 7:15 to 8 A.M.

Jan. 18 -

Hunted on campus - 7:15 to 8 A.M. - Shot 3 sparrows all ♂♂, at east end of Botanical Gardens. Saw only one bunch of any size and a few singles.

Kept a rough census of birds seen - Sparrows 18, Others 53.

May have counted some sparrows twice!

Shot into bush containing 4 or 5 Eng. Sparrows + about 8 Nettles. At sound I shot all. Eng. Sparrows left the neighborhood. - Nettles never left bush or showed signs of alarm. No sign of nesting.

- Jan. 20 -

Hunted on campus, 7 to 7:45 A.M. No luck. Wounded two birds but failed to get them. Are too wary to get with 22 cal.

Bird census - 76 others

21 sparrows (Eng.)

Only two flocks on campus that I am sure of finding.

- Jan. 21 -

Hunted on campus 7 to 7:45 A.M.
Used to shot gun with 32 cal.
aux. Dropped 4 sparrows & got 3.
(2 ♂♂ and 1 ♀.) Saw the same
two flocks again today, one
at east end of Botanical Gardens
and other at Anthropology Bldg.
Bird Census. Eng. Sparrows 20 (?)
Others 63.

no sign of sparrows nesting.

— Jan. 25 —

Hunted on campus ($\frac{3}{4}$ hr.)
from 7 - 7:45 A.M. at east end
of Botanical Gardens & around
Elect. Eng. Bldg. Shot two sparrows,
♂ ♀. Believe I wounded one
at ex. south end of Anthropology Bldg.
no sign of courting or nesting.
Other birds, such as Brown

Towhees + song sparrows are beginning to show signs of interest in each other.

Census:

Eng. Sparrows - 8.

Others ----- 54.

Weather foggy - damp

— Jan. 26 —

Hunted on campus $\frac{3}{4}$ hr. (7-745 AM). Started near Cullen St. gate, Agriculture Bldg. and Botanical gardens but saw no birds. Saw 3 in fog on wall of Civil Eng. Bldg. but could not get a shot. Saw a small flock of 4 back of Anthropology Bldg. Shot 2., ♂, caught on branch of tree + was still there at noon. Broke wing of a female but could not catch her. Shot a fox sparrow by mistake.
Mortality: Eng. Sparrows 8 ♀
Fox Sparrow 8

Census: Eng. Sparrows 7

Others 81 67

- Jan. 29 -

Hunted on campus 1 hour,
(7 to 8 A.M.) Found two flocks,
and two singles. Killed 4 sparrows.
2♂♂ and 2 ♀♀. Largest flock is
always found in vicinity of the
Infirmary. No sparrows found
around the Greek Theater.

No signs of courting or nesting.

Census:

Eng. Sparrows	13
Others	55

— Feb. 1, —

Hunted on campus $1\frac{1}{4}$ hours
(6:45 to 8 A.M.) around Harmon Gymnasium,
Col. Hall, Botanical Gardens &
Infirmary. Also looked around
Greek theater but saw none.

Got 3 shots and killed 2 ♂♂.
Birds very wary and hard to approach.
No sign of nesting.

Census: Eng. Sparrows 16
Others 64.

— Feb. 2 —

Time, 1 hour.

Hunted on campus near
Philosophy Bldg. & Infirmary.

Shot 3 birds but could only find

2. — Brought in 1 ♂ and 1 ♀. Total 1 ♀

NOTE: Took an injured Sierra Juncos
away from a cot near Civil Eng.
Bldg.

Census: Eng. Sparrows 14

Others 59

11

— Feb. 5 —

Hunted on campus (1 hour) 7-8 A.M.

near Bacon Hall, Botanical gardens
and Infirmary.

Shot 6 sparrows, all ♀♀ - lost one in
large palm near Bacon Hall. Brought in
5. —

Saw no signs of nesting. Saw no
nest near Power house as reported. ~~No~~
birds near power house. A new flock
appears to have invaded the campus.
Are hanging around Bacon Hall.

Census: Eng. Sparrows 15

Others 41

Rather dark & foggy.

- Feb. 7 -

Hunted on campus $\frac{3}{4}$ hr (7:7:45)

Shot two sparrows BB - lost one in
patch of ivy at end of Cal. Hall. Also wounded
1 ♀. Birds quiet. Dark & cloudy.

Census: Eng. Sparrows 12
Others 61

Notes: Census Sunday, Feb. 6 - 10-1 noon.

Eng. Sparrows 10
Others 34

Saw two males in vigorous
pursuit of a female.

- Feb. 8 -

Hunted on campus 1 hr (7-8 AM)

Shot 4 sparrows 3 BB, 1 ♀.

Sparrows quite plentiful. Believe a
new flock has migrated onto
campus since our flock was quite
large.

Census Eng. Sparrows 22
Others 58

- Feb. 9 -

1 hr.

Hunted on campus near Col. Hall & ~~N.~~^{E.} end of
Botanical gardens from ~~7:50~~ 6:50-7:50 A.M.
Shot 4 sparrows 2 ♂♂ and 2 ♀♀ and
wounded one ♂. Birds are just a
little less wary. Saw no signs of
nesting or rearing.

Census Eng. Sparrows 18
Others 51

Later:- saw two ♂♂ in penance of a ♀
in Pepper tree back of Museum.

— " —

— Feb. 11 —

Hunted on campus 1 hr. (6:50-7:50)
Shot 4 Eng. Sparrows 2 ♂♂ + 2 ♀♀.
One flock was quite tame. Still
no signs of nesting.

Census Eng. Sparrows 18
Others 64

Feb. 12 -

Hunted on campus 1 1/4 hrs. (6:45 - 8:15)
Eng. Sparrows
Birds were very wild. Only got 3
shots. Brought in 1 ♀, lost one ♀.
Total 2. 7 flock that was on campus
yesterday has apparently left.

Made trip to dairy farm but
no no sparrows.

Census Eng. Sparrows 20
Others 94

- Feb. 14 -

Hunted on campus 1 hr. (6:50 : 7:50)
Shot 5 English Sparrows 3 ♂♂ and
2 ♀♀. Lost 1 ♂ + 1 ♀ in top of palm
at South Hall.

Census: Eng. Sparrows 16
others 49

Note: Saw 2 Eng. Sparrows carrying
nesting material to nests of a
larch at noon. Location - Chapel
St. First sign of nesting activities.

— H —

Feb. 15

Hunted on campus 1 hour (6:50-7:50)
Shot 3 Eng. Sparrows 2 ♀, 1 ♂.
Lost the male in ivy on S. Hall.
Census: Eng. Sparrows 18
Others 47.

Birds very wild this morning.

- Feb. 16 -

Hunted on campus 1 hr. (6:50-7:50)
Shot 3 English Sparrows 2 ♂, 1 ♀.
Lost 1 ♂ in thick brush near
Campus available. Brought in 3 ♀.

Birds (Eng. Sparrows) are beginning to
scatter out in 2^os and 3^os. Some new
signs of nesting.

Census Eng. Sparrows 17
Others 88.

- Feb. 17 -

Hunted on campus $1\frac{1}{4}$ hr. (6:25:7:15⁰)
Saw only one flock quite well
scattered out, near Bacon Hall.
Were very wild.

Shot 2 ♀.

No signs of nesting on campus
so far.

Census: Eng. Sparrows 15
Others 82

"

- Feb. 18 -

Hunted on campus, etc. (6:50:7:50)
~~Shot~~ Shot & killed 3, wounded 2, 87.
Birds quite wild.

Census: Eng. Sp. 17
Others 66

"

- Feb. 19 -

Hunted on campus $1\frac{1}{4}$ hrs. (6:25:7:50 AM)
Killed 3 sparrows - 2 ♂ + 1 ♀.

Saw plenty of signs of courtship but
no nest building.

Census Eng. Sp. 18
Others 40.

16:35:7:50 AM) Feb. 22 — Nine $1\frac{1}{4}$ lbs.

Hunted on campus - shot 3 Eng. Sparrows
♂ ♂ and 1 ♀. Cost 1 D. Total 3 dead.

Birds are quite wary & there seems to
be no new flocks on campus
altho' the numbers of individuals
are not noticeably diminished.

Census Eng. Sp. 14

Others 48

— Feb. 23 —

Hunted on campus 1 $\frac{1}{4}$ hrs (6:35-7:50 AM)
Shot no birds as it was very
windy and the few sighted were
keeping close to the eaves of the
buildings & flying high. The other
birds were not as conspicuous.

Census Eng. Sp. 12

Others 57

Feb. 24

Hunted on campus $1\frac{1}{4}$ hrs. (6:35 - 7:50 A.M.)
Clear quiet morning - sparrows
active and noisy although very
wild. Shot 2 ♂♂ & 1 ♀. Lost 1 ♂ in
thick bushes across from Harmon
gym. Others shot near Bacon Hall.

No signs of nesting although it is
possible that my presence keeps
them on the move. Am going to
try baiting them.

Census Eng. Sp. 16

Others 52.

—

- Feb. 25 -

Hunted on campus $1\frac{1}{2}$ hrs. (6:30 - 8:AM)
Windy and consequently birds were
hard to approach. Hunted around N.Y.S.
Halls, Bacon Hall, Civil Eng. Bldg. and the
Minering Anthropology. Shot two birds,
1 ♂ and 1 ♀. Was unable to get to
where the male fell.

Census : Eng. Sp. 21.

Others : 58.

- Feb. 26 -

Hunted on campus 1 hr. (7-8 AM)
Covered thoroughly the western part
of the campus. Only Eng. Sparrows
seen there was a flock of 4 feeding
in olive trees near Eng. Hall. Nearly
all other varieties on campus were
feeding in large numbers upon
the olives which are nearly ripe.

So many individuals in sight
that it was impossible to take a
census. Estimate - 300 - 500.

NOTE: Near Bacon Hall where it is
impossible to get near an Eng Sparrow
at 7:30 I was within 6 ft. of 4 at
8:30. Carrying gun the same as
usual.

Census Eng. Sp. 12

Others - Several hundred.

Shot one ♀. out of an olive tree.

— + —

16:25 - 7:30 AM)

Feb. 28 -

time $1\frac{1}{4}$ hrs.

Hunted on campus near Ag. Hall.
Only sparrows there (2) took refuge on
top of bldg. out of range. Then went
over near Bacon Hall but failed to
get a shot there. Then hunted back of
Museum of Geol. Anthropology. Shot
two birds there ♂ & ♀. Lost one in
thick clump of acacias. Birds still
in small flocks & no signs of
nests found around bldgs.

Census Eng. Sparrows 13

Others - 103

— 11 —

Feb. 29 -

Hunted on campus $1\frac{1}{2}$ hrs. (6:30:8 AM)
Saw two Eng. sp. near Ag. Hall but
could not get a shot. Then found
small flocks around Philosophy Bldg.
& Bacon Hall. Missed two shots with
32 aux. Then killed one with $\frac{1}{2}$ load
16 gauge. Lost him in thick brush
around Civil Eng. Bldg.

Census: Eng. sp. 18

Others more than 100.

- March 1 -

Hunted on campus $1\frac{1}{4}$ hrs. (6:35-7:50 A.M.).
Windy and a little rain. All species of
birds & especially warblers quiet as a result.
Hunted near Ag. Hall - Bacon Hall + Part. Bldg.
Shot + secured 2 ♀♀. Womulds 1 ♂. Also
shot by mistake a ♀ Nutall Sparrow.
Saw no signs of nesting.

Census Eng. Sp. 14

Others 87

— H —

- March 2 -

Hunted on Campus $1\frac{1}{4}$ hrs (6:35:7:50 A.M.)

Killed 3 ♀♀ and 1 ♂. Lost, one in tree, one in ivy
and one in thick brush. Bronglit in 1 ♀.
Total 4 birds. Still no signs of nesting.
Note. Saw ♀ Nutall Sparrow gathering
nesting material.

Census : Eng. Sp. 18

Others 53.

— 44 —

- March 3 -

Hunted on campus $1\frac{1}{4}$ hrs. (6:35:7:50 A.M.).

Shot 3 ♂♂. Lost one.

Birds very wild. No nesting signs.

Census : Eng. Sp. 18

Others 66

- March 4 -

Walked on campus 1½ hrs. (6:35:8 AM)
near Harmon Gym, Brown House, Bacon Hall
Philosophy Bldg and Pathology lab. Found
Eng. Sparrows near Bacon Hall and
the Pathology lab. Shot 4, 3 ♂♂ and 1 ♀.
One ♂ got away by crawling into admin
pipe. Others brought in. The Eng Sparrows
are still flocking and no nesting
building or nests seen so far.

Census Eng. Sp. 15
Others 71

— March 6 —

Walked on campus 1½ hrs. (6:30 - 8 AM)
In usual places as above. Shot &
killed 3, 2 ♂♂ and 1 ♀. Wounded one
♂. Eng. Sparrows were flocking & fighting
among themselves with much
noise.

Census Eng. Sp. 19
Others 77

- March 7 -

Hunted on campus $1\frac{1}{2}$ hrs (6:30-8 AM)
Shot first near Ag. Hall. Saw 3 Eng. Sp.
there but was unable to get a shot.

Hunted small flock around Harmon
gym. and another around Bacon Hall.

The birds around Bacon Hall are
resident in that one spot. Can always
be found there. All other flocks on
the campus are slightly migratory.

Searched carefully in eaves of the
various bldg. but saw no nests nor
have I seen any nest building so far.
Census Eng. Sp. 29

Others 63

NOTE: ~~I~~ ^{II} forgot to say that I killed & brought
in ~~2~~ ¹ ♂ and 1 ♀ and wounded 1 ♂

~~II~~
- March 8 -

Hunted on campus $1\frac{1}{2}$ hrs (6:25-7:55 AM)

Shot 1 ♂ Eng. Sp. & wounded 1 ♂ which
I failed to get. Believe that they are
beginning to rest under eaves of
Mining Bldg.

Census Eng. Sp. 23
Others 103.

- March 9 -

Hunted on campus $1\frac{1}{2}$ hrs. (6:20-7:50 AM)
around Calif. Hall, Harmon Gym.
North & South Halls, Philosophy Bldg.,
Mining Bldg. & Pathology Bldg.
Killed 18 Eng. Sp. & wounded 14.

Have this to offer as a result
of many observations: The Eng.
sparrows are the most plentiful
upon the campus in those
sections which are the most
thickly populated by humans.

The center of the Sparrow
population is inside of the
square made by North & South
Halls, Bacon Hall & the Philosophy
Bldg.

Ensus: Eng. Sp. 19
Others 83.

- March 10 -

Hunted on campus $1\frac{1}{2}$ hrs. (6:25 A.M. - 7:55 A.M.). Shot & killed 7 Eng. Sp. Brought in 5 (3♂♂ and 2♀) Lost 2. One in fence by Bacon Hall and 1 on roof of Bacon Hall, both ♂♂.

Birds were quite wild this morning. I have found no nests so far but 2 of the birds shot this morning were in the act of copulation so nesting season is apparently close.

The nest under observation off the campus is abandoned. Probably a premature attempt.

Census Eng. Sp. ~~20~~ 20
Others 79

pd.
3/10/16

- March 11 -

Hunted on campus $1\frac{1}{2}$ hrs. (6:30:8 A.M.) Shot & killed 2♂♂ and 1♀. Wounded 1♀. Birds shot near Power Plant and 2 below were stragglers from off the campus. Almost impossible to shoot any of the Bacon Hall flock.

Census: Eng. Sp. 25
Others 51

- March 13 -

Hunted on campus $1\frac{1}{2}$ hrs (6:25:7:55 A.M.)
Searches near Ag. Hall & Center St. gate but
so no Eng. Sp. Found flock of 4 near
Harmon Gym. and rest of them near
South & Bacon Halls. Only succeeded in
wounding 1 ♀.

Found 1st nest on campus, in
metal scroll work over Salleen Gate.
Have a suspicion that 2 ♀ and 1 ♂
are occupying the nest. Coeds have
killed the three easily but let
them remain for future observation.

Census Eng. Sp. 18

Others 61.

— March 14 —

Hunted on campus $1\frac{3}{4}$ hrs. (6:10:7:55 A.M.)
Killed 4 Eng. Sp. 3 ♀ and 1 ♂. Lost the 5 bird.
Also wounded one. Saw more sparrows
than usual but to do so covered more
ground this morning. Hunted down
between the athletic fields to Bancroft
Way - Near girls gym. etc. as well as
usual places.

Census Eng. Sp. 25

Others 89

- March 15 -

Hunted on campus $1\frac{1}{2}$ hrs. (6:25:7:55)

Killed 3 ♀s and wounded 1 ♂.

The nest over the Salter gate
still appears to be occupied
by 2 ♀s and 1 ♂. Am trying to
obtain convincing evidence of
polygamy.

Census Eng. Sp. 17
Others 53

- March 16 -

Hunted on campus, $1\frac{1}{2}$ (6:25:7:55)

Killed 4 ♀s. Lost one in thick
clump of Acacia. Hunted more
on outskirts of campus this
morning, hence the reason why
fewer birds were seen. Nothing
new as to habitat noted.

Census Eng. Sp. 9
Others 54

- March 17 -

Hunted on campus $1\frac{3}{4}$ hrs (6:10 - 7:55 A.M.)
Saw a few birds near Harmon Gym.
but was unable to get a shot.

The observations made this morning
show that Eng. Sq. flocks off the campus,
come onto the campus and when
they do so, are just as wild &
wary as those which apparently
live there and leave bare ground
each morning. As soon as the
flock left the campus they could
be approached to within a few feet.

Also, there were no birds
around Bacon Hall this morning.
Perhaps the continual shooting at
them there has caused them
to migrate. They are as
plentiful as usual around
the Plywood Bldg. & North Hall.

Shot 4 birds, 1 ♂ & 1 ♀. Wounded

1 ♂.

Census Eng. Sq. N.
all hrs 52

— + —

- March 18 -

Hunted on campus 2 hrs. (6-8 AM)
made a pretty liberal sweep went around
Culic St. Gal; Ag. Hall and over usual route.
The Eng. Sp. were back at Bacon Hall
but left as soon as I shot one.

An individual ahead of me was
able to pass within 40 ft. of 3 sparrows
which I cones not approach, hence they
are able to recognize me.

Killed 4, 2 ♂♂ and 2 ♀♀ and wounded
1 ♀. Lost 1 ♂ + 1 ♀, brot in 2.

The other species were in such
great numbers among the Olive
trees near Ag. Hall that it was unable
to take a census of them.

Eng. Sp. 23.

11
- March 20 -

Hunted on campus 1½ hrs. (6:25-7:55 AM)
Rainy & foggy and birds of any kind not
much in evidence. Killed 1 ♀, wounded 1 ♂
and also killed 1 ♀ Metal Sparrow.

Census Eng. Sp. 11
Others 37

- March 21 -

Hunted on campus 1½ hrs (6:25-7:55 A.M.)
Clear cold morning. Birds all very active.
Eng. Sp arrows particularly sly. Only
succeeded in getting 1 shot and bagged
a ♀. Saw several small flocks, flying
high, cross over from city streets onto
campus and back again apparently
they move about quite a little. Bacon
Hall again the home of several.

Census Eng. Sp. 31

Others 142

— March 22 —

Hunted on campus 2 hrs. (6-8 A.M.).
Covered the ground thoroughly and only
succeeded in getting two shots, killing
1 ♀ which dropped in thick brush along
ark bottom back of Harmon gym &
was lost. At least 6 of the Eng. Sp.
seen, were seen to fly upon the
campus from Telegraph ave. Others
were seen flying out, hence there
appears to be a more or less steady
movement back and forth.

Question: why do not the Tinmets
supplant the Eng. Sp. to a certain
extent at least, they out number
them and occupy the same niche,
i.e.: house tops & lithophane wires.
Perhaps they are not quite as
aggressive.

Census Eng. Sp. 22

Others " 3

—

- March 23 -

Hunted on campus ($1\frac{3}{4}$ hrs. between
6 & 8 A.M.) Birds very wary. Only
succeeded in wounding 1 ♀.

Census Eng. Sp. 14

Others 87

—

- March 24 -

Hunted on campus $1\frac{3}{4}$ hrs. (between
6 and 8 A.M.) Believe that the only
real resident birds on the campus
are those whose range lies in
section bounded by North & South
Halls, Botany Bldg., Bacon Hall and
the Philosophy Bldg. All others, found
irregularly on other parts of the

campus are those which come
and go from the streets outside.
Killed 4 Eng. Sp. 288 and 297, and
wounded 1 ♀. Lost one ♀ on other side
of fence to football field.

Census Eng. Sp. 17

Others 117

- March 25 -

Hunted on campus 1½ hrs. (6:20:7:55 A.M.).
only succeeded in wounding 1 ♂
which got away. It belonged to a flock
of Sparrows which drift in from the
north side of the campus.

Census Eng. Sp. 17

Others 106

- March 26 -

Hunted on campus 2 hrs. (6:8 A.M.).
Birds (Eng. Sp.) are very wary. Killed 2 ♀♀
and wounded 1 ♂. Lost 1 ♀ in fallen
at Bacon Hall.

NOTE: The English sparrows + Linnets appear
to dwell in perfect harmony together.
Found a broken sparrow's egg on
the ground on West side of South

Hall. Coues fuis no nest.

Census Eng. Sp. 20

Others 127

11

March 27 -

Hunted on campus $1\frac{3}{4}$ hrs. (6:10-7:55 AM)

Shot 3 birds, 2 ♂♂ one ♀ 1 ♀.

Wounded & lost 1 ♂

Birds seem very busy around
the eaves of the various buildings, but
can discern no nests so far.

Census Eng. Sp. 20

Others 66.

11

- March 28 -

Hunted on campus $1\frac{1}{2}$ hrs.

(6:25 - 8 AM) Found the birds
extremely wild. Killed and lost
in thick bushes 1 ♂, wounded 1 ♂ &
1 ♀.

Census Eng. Sp. 26 -

Others 93

- March 28 -

Hunted on campus $1\frac{1}{2}$ hrs. (6:15-8)

The turkeys appeared as plentiful as usual and fully as wary.
Fired several times at long range.
Wounded 1 ♂ and 1 ♀. Killed 2 ♀ + 1 ♂.
Lost one of the females in a tree,
the bird calling on the limbs.

Census. Aug. 8. 22

Others 77.

11

75-8

Clump 8.